

10/524715

PATENT COOPERATION PCT

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PCT

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From the INTERNATIONAL SEARCHING AUTHORITY

To:

LEE, Keon-Joo

Mihwa Bldg., 110-2, Myongryun-dong 4-ga, Chongro-gu 110-524 Seoul Republic of Korea

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

To: LEE, Keon-Joo  Mihwa Bldg., 110-2, Myongryun-dong 4-ga, Chongro-gu 110-524 Seoul Republic of Korea  <i>CLIA</i>	Date of mailing (day/month/year) 24 SEPTEMBER 2003 (24.09.2003)
Applicant's or agent's file reference P11359PCT	<b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below
International application No. <b>PCT/KR03/01648</b>	International filing date (day/month/year) 14 AUGUST 2003 (14.08.2003)
Applicant SAMSUNG ELECTRONICS CO., LTD. et al	

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

**When?** The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

**Where?** Directly to the International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland  
 Facsimile No.: (41-22) 740.14.35

**For more detailed instructions**, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.
3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

**4. Reminders**

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the ISA/KR Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea  Facsimile No. 82-42-472-7140	Authorized officer COMMISSIONER  Telephone No. 82-42-481-5762
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Form PCT/ISA/220 (April 2002)



# INTERNATIONAL SEARCH REPORT

10/524715  
International application No.  
PCT/JP01/448  
15 FEB 2005

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04L 12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04L 12/56

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean patents and applications for inventions since 1975  
Korean utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
<http://www.espacenet.com> (Worldwide Search in the European Patent Office), "service and (announce or notify) and transfer"  
IEEE/IEEE Electronic Library (Since 1988), "service and (announce or notify) and transfer and cell"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0138280 A (DAVID WILLIAM DRABO, GILBERT) 26 September 2002 (26.09.02) the whole document	1 - 21
A	Bandwidth-adaptive VP protection using user cells Shimada, N.; Gorshe, S.S.; Communications, 1998. ICC 98. Conference Record. 1998 IEEE International Conference on, Volume: 1, 7-11 June 1998 Page(s): 617-622 vol.1	1 - 21

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

- \* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search  
20 SEPTEMBER 2003 (20.09.2003)

Date of mailing of the international search report  
22 SEPTEMBER 2003 (22.09.2003)

Name and mailing address of the ISA/KR



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920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
Republic of Korea

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